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| 10/807,440 | 03/22/2004 | Takeo Eguchi | 075834.00490 | 4228 | |
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Serial No.: 10807440 Applicant: Takeo Eguchi Filing Date: March 22, 2004

Date Mailed: March 18, 2005

ACKNOWLEDGEMENT OF REQUEST

Notice of Allowance/Allowability Mailed

The request for a copy of the initialed PTO 1449, dated February 14, 2005, has been received by the U.S. Patent and Trademark Office.

• Requested copy attached.

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For the Office of Patent Publication

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| Substitute for form 1449A/PTO | Complete If Known 10/807440 | | | |
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| | Application Number | Unassigned / / / / | | |
| INFORMATION DISCLOSURE | Filing Date | 3/22/04 | | |
| STATEMENT BY APPLICANT | First Named Inventor | Takeo Eguchi | | |
| | Group Art Unit | Unassigned 2853 | | |
| (use as many sheets as nacessary) | Examiner Name | Hossigned R. Straum | | |

Attorney Docket Number

| | U.S. PATENT DOCUMENTS | | | | | | | |
|------------------------------------------------|-----------------------|-----------------------|----------------------|-------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------------------------------|--|--|
| Examiner | Cito No.' | U.S. Patent Number | Kind Code (it known) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-OD-YYYY | Pagas, Cohumns, Lines, Where Relevant Passages or Relevant Figures Appear | | |
| 100 | USI | 5,172,139 | 1, 2, 2, 2, 2, 2 | Sekiya et al. | 12/15/1992 | | | |
| OK | _ | 6,474,789 | | Ishinaga et al. | 11/5/2002 | | | |
| 108° | | 5,726,697 | | Shimoda | 3/10/1998 | | | |
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| | | Office | Number ^e | (Find Code) | | | | |
| UA. | Fl | JP | 08-048034 | IA | NEC Corp. | 02/20/1996 | | |
| 100 | F2 | EP | 0 997 278 | Α | Cannon Kabushiki Kaisha | 05/03/2000 | | |
| 111 | F3 | EP | 0 816 085 | A | Cannon Kabushiki Kaisha | 01/07/1998 | | |
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